

SYSTEM AND METHOD FOR AVOIDING TRIANGULATION  
DELAY IN A TELECOMMUNICATIONS NETWORK

## ABSTRACT OF THE DISCLOSURE

5 For use in a telecommunications network comprising a plurality  
of packet data service nodes and a plurality of mobile stations,  
wherein each packet data service node is capable of communicating  
with one or more mobile stations, there is disclosed an apparatus  
and method for avoiding triangulation delay that is caused by  
10 sending messages over a long network path. The apparatus comprises  
an interface between the packet data service nodes. Information  
sent over the interface permits a first packet data service node to  
send data packets of a message from a first mobile station to a  
second mobile station directly from the first packet data server  
15 node to a second packet data server node without accessing an  
Internet (IP) protocol network. This avoids triangulation delay by  
decreasing the length of the network path for the message.